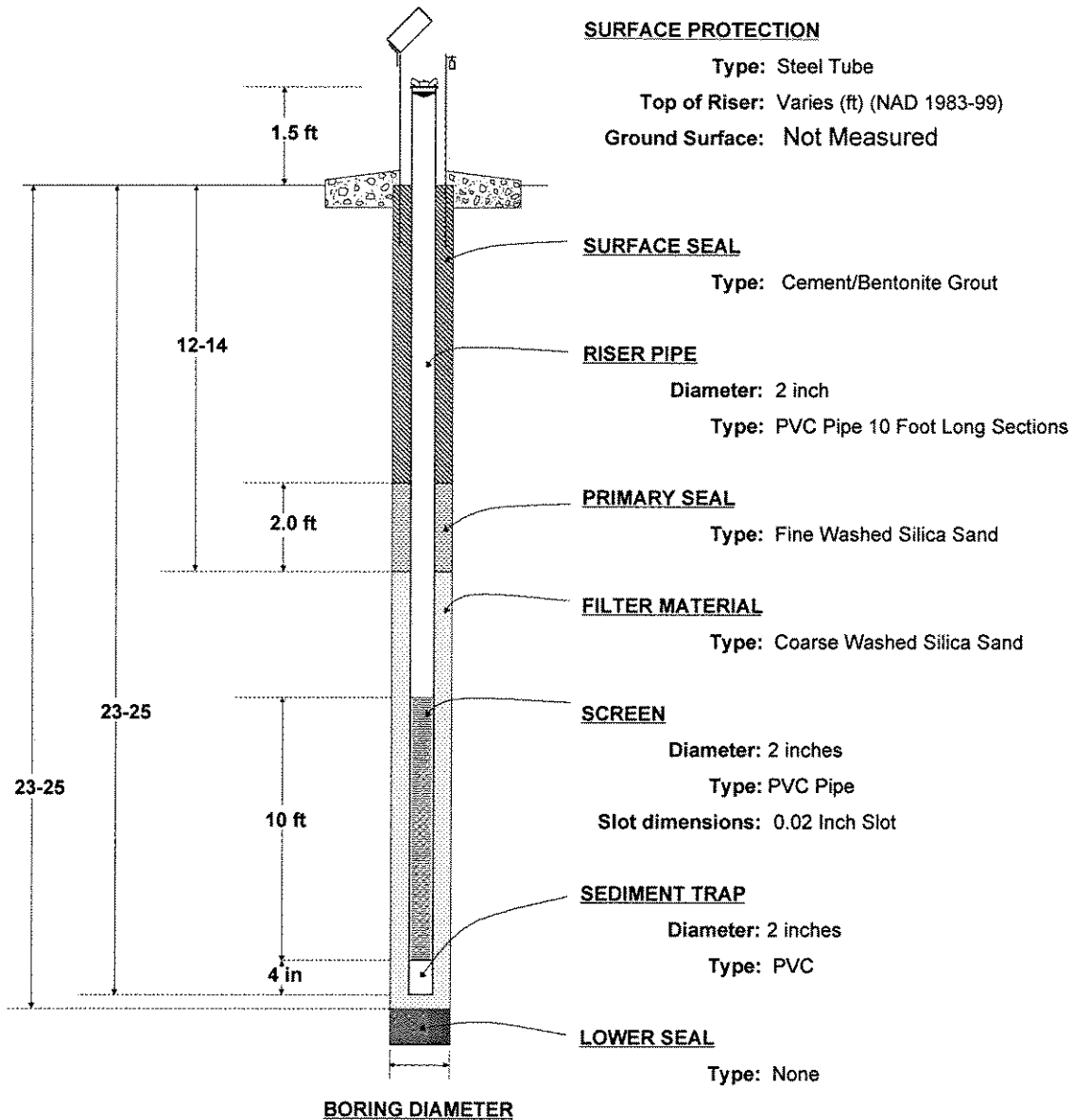


**BLACK & VEATCH****TYPICAL 25-FOOT LOG****TYPICAL 25-FOOT NO. 1**
SHEET 1 OF 1

CLIENT SFWMD		PROJECT Everglades Test Cells	PROJECT NO. 140297
PROJECT LOCATION West Palm Beach, Florida	COORDINATES N Vary E Vary	TOP OF RISER ELEVATION (DATUM) Varies ft (NAD 1983-99)	DATE 03/2005
STRATUM MONITORED Fort Thompson Formation			
INSPECTOR Norm Holst	CHECKED BY Norm Holst	APPROVED BY Paul Zaman	



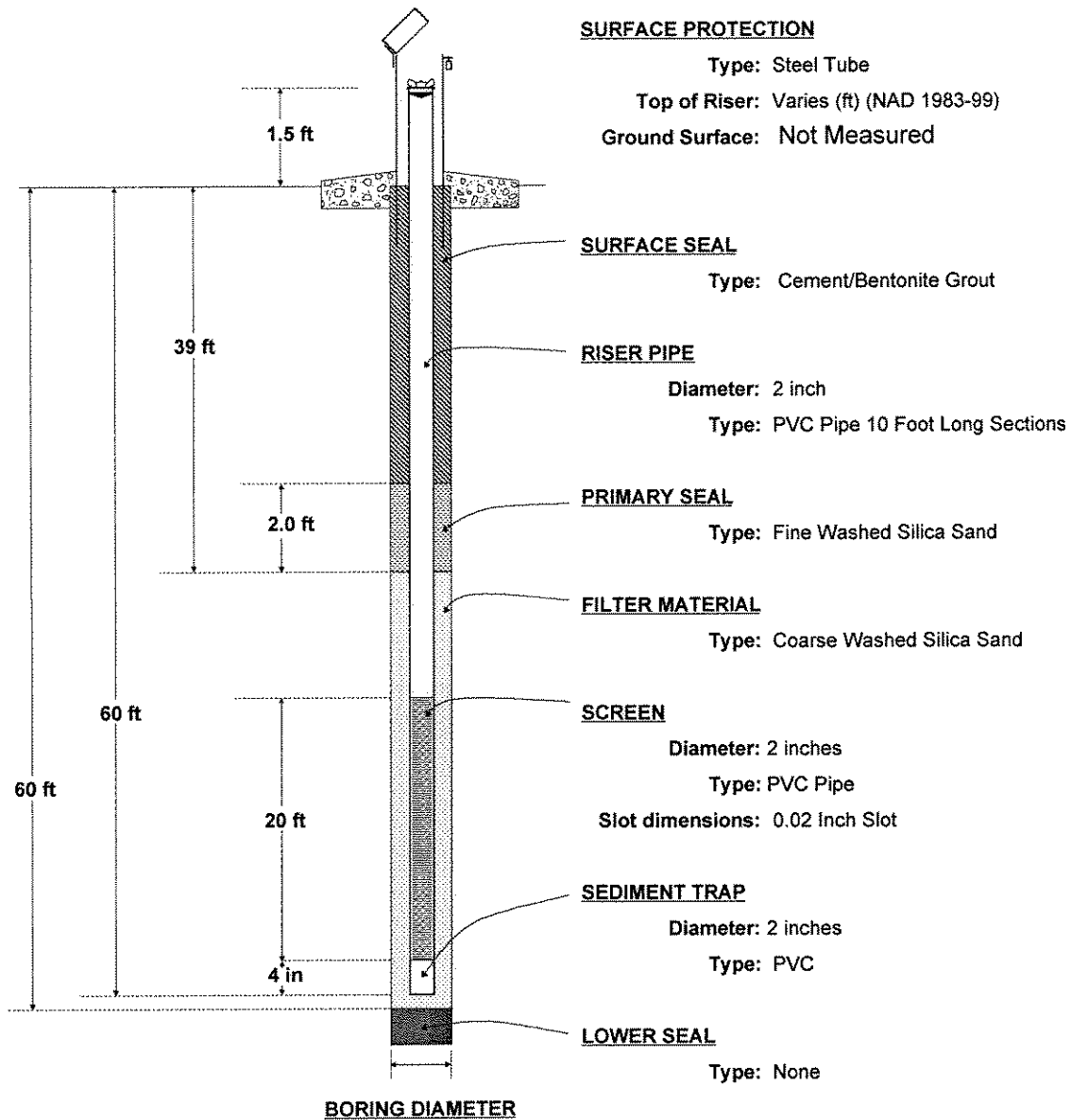
*Note-Diagram not shown to scale

INSTALLATION METHOD: The boring was advanced to the top of the hard limestone layer typically encountered at 23 to 25 feet bgs. The piezometer screen and riser were lowered to the bottom of the hole, and the sand pack was tremied into the hole to about 1 foot above the top of the screen. About 2 feet of fine sand was tremied on top, and cement/bentonite grout was tremied in to fill the rest of the hole. The riser was cut off about 1.5 feet above the ground surface, and the protective casing suspended over the riser into the grout until it set.

NOTES: Typical Shallow (23 - 25 foot) Piezometer Installation

**BLACK & VEATCH****TYPICAL 60 FOOT LOG**TYPICAL 60 FOOT NO. 2
SHEET 1 OF 1

CLIENT SFWMD		PROJECT Everglades Test Cells	PROJECT NO. 140297
PROJECT LOCATION West Palm Beach, Florida	COORDINATES N Vary E Vary	TOP OF RISER ELEVATION (DATUM) Varies ft (NAD 1983-99)	DATE 02 - 03 2005
STRATUM MONITORED Caloosahatchee Formation			
INSPECTOR Norm Holst	CHECKED BY Norm Holst	APPROVED BY Paul Zaman	



*Note-Diagram not shown to scale

INSTALLATION METHOD: The boring was advanced to 60 feet bgs. The piezometer screen and riser were lowered to the bottom of the hole, and the sand pack was tremied into the hole to about 1 foot above the top of the screen. About 2 feet of fine sand was tremied on top, and cement/bentonite grout was tremied in to fill the rest of the hole. The riser was cut off about 1.5 feet above the ground surface, and the protective casing suspended over the riser into the grout until it set.

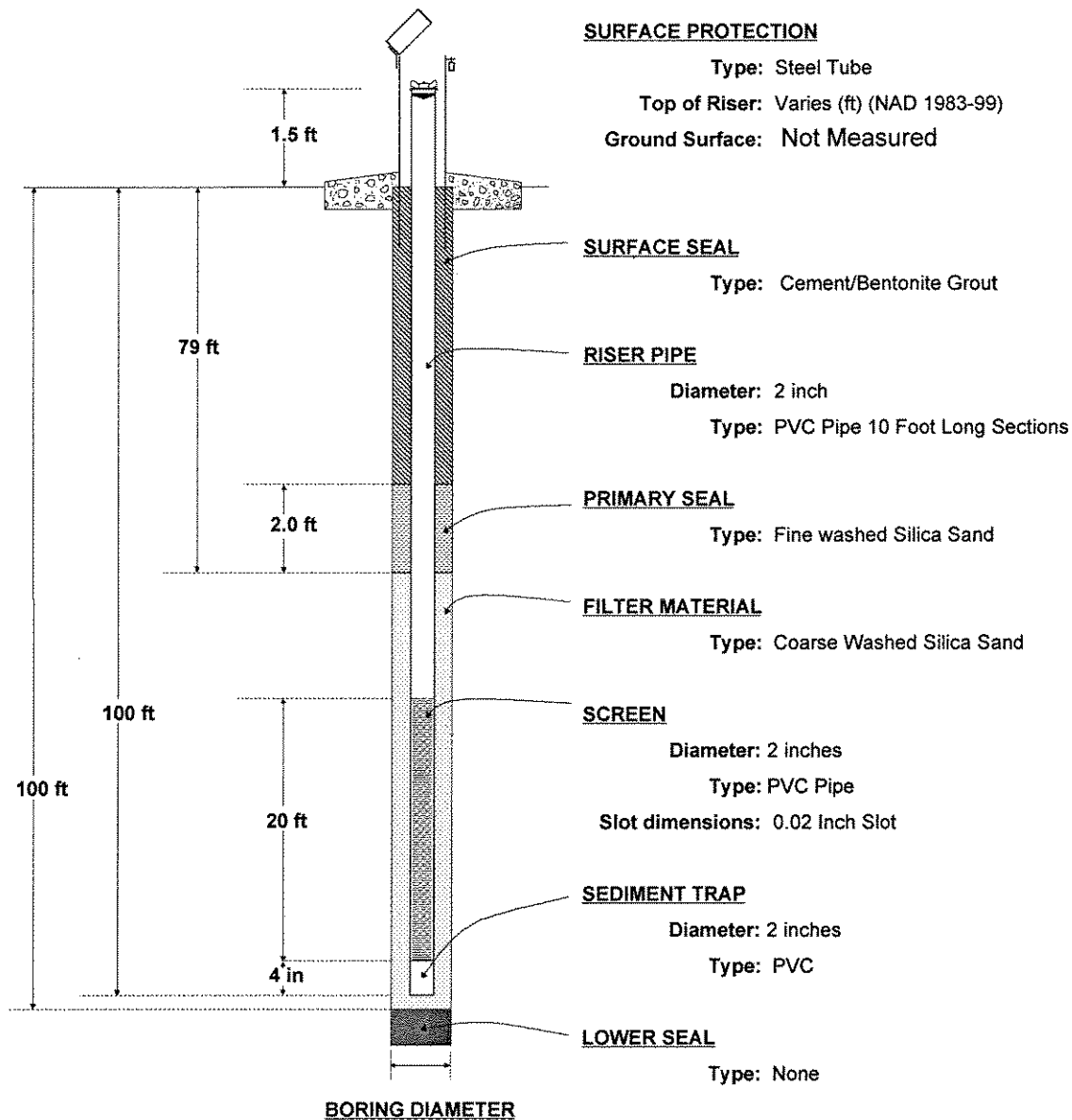
NOTES: Typical 60 Foot Piezometer Installation

**BLACK & VEATCH****TYPICAL 100 FOOT LOG**

TYPICAL 100 FOOT NO. 3

SHEET 1 OF 1

CLIENT SFWMD		PROJECT Everglades Test Cells	PROJECT NO. 140297
PROJECT LOCATION West Palm Beach, Florida	COORDINATES N Vary E Vary	TOP OF RISER ELEVATION (DATUM) Varies ft (NAD 1983-99)	DATE 2/3/2005
STRATUM MONITORED Caloosahatchee/Tamiami			
INSPECTOR Norm Holst	CHECKED BY Norm Holst	APPROVED BY Paul Zaman	



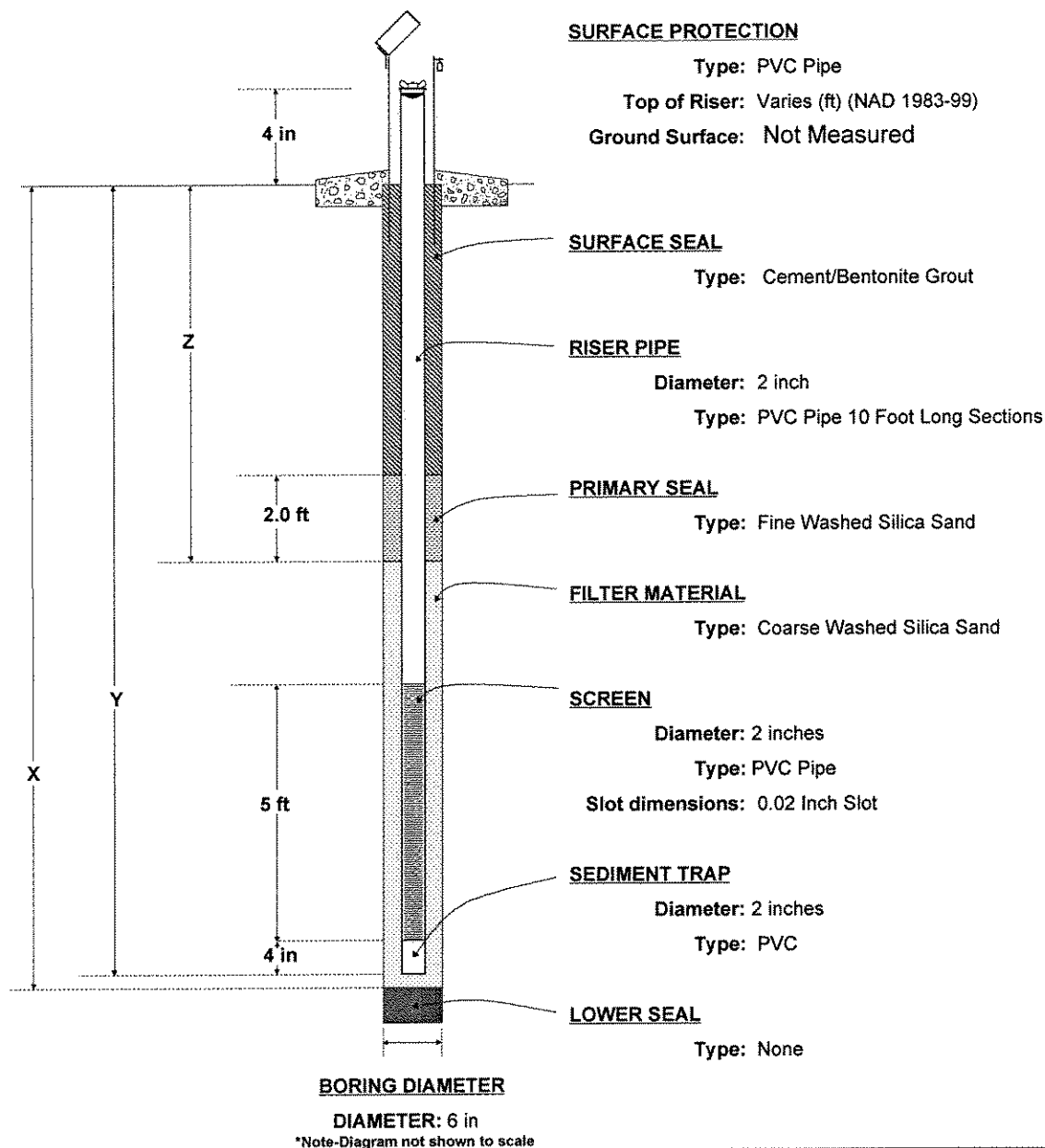
*Note-Diagram not shown to scale

INSTALLATION METHOD: The boring was advanced to 100 feet bgs. The piezometer screen and riser were lowered to the bottom of the hole, and the sand pack was tremied into the hole to about 1 foot above the top of the screen. About 2 feet of fine sand was tremied on top of the coarse sand, and cement/bentonite grout was tremied in to fill the rest of the hole. The riser was cut off about 1.5 feet above the ground surface, and the protective casing suspended over the riser into the grout until it set.

NOTES: Typical Shallow (100 foot) Piezometer Installation

**BLACK & VEATCH****TYPICAL EMBANKMENT****TYPICAL EMBANKMENT NO. 4****SHEET 1 OF 1**

CLIENT SFWMD		PROJECT Everglades Test Cells	PROJECT NO. 140297
PROJECT LOCATION West Palm Beach, Florida	COORDINATES N Vary E Vary	TOP OF RISER ELEVATION (DATUM) Varies ft (NAD 1983-99)	DATE 03/2005
STRATUM MONITORED Fort Thompson			
INSPECTOR Norm Holst	CHECKED BY Norm Holst	APPROVED BY Paul Zaman	



INSTALLATION METHOD: The boring was advanced to 15 feet below the stripped caprock surface. The piezometer screen and riser were lowered to the bottom of the hole, and the sand pack was tremied into the hole to about 1 foot above the top of the screen. About 2 feet of fine sand was tremied on top of the coarse sand, and cement/bentonite grout was tremied in to fill the rest of the hole. A concrete block and heavy PVC protective pipe were placed around the riser. The embankment fill was placed around the riser and protective pipe.

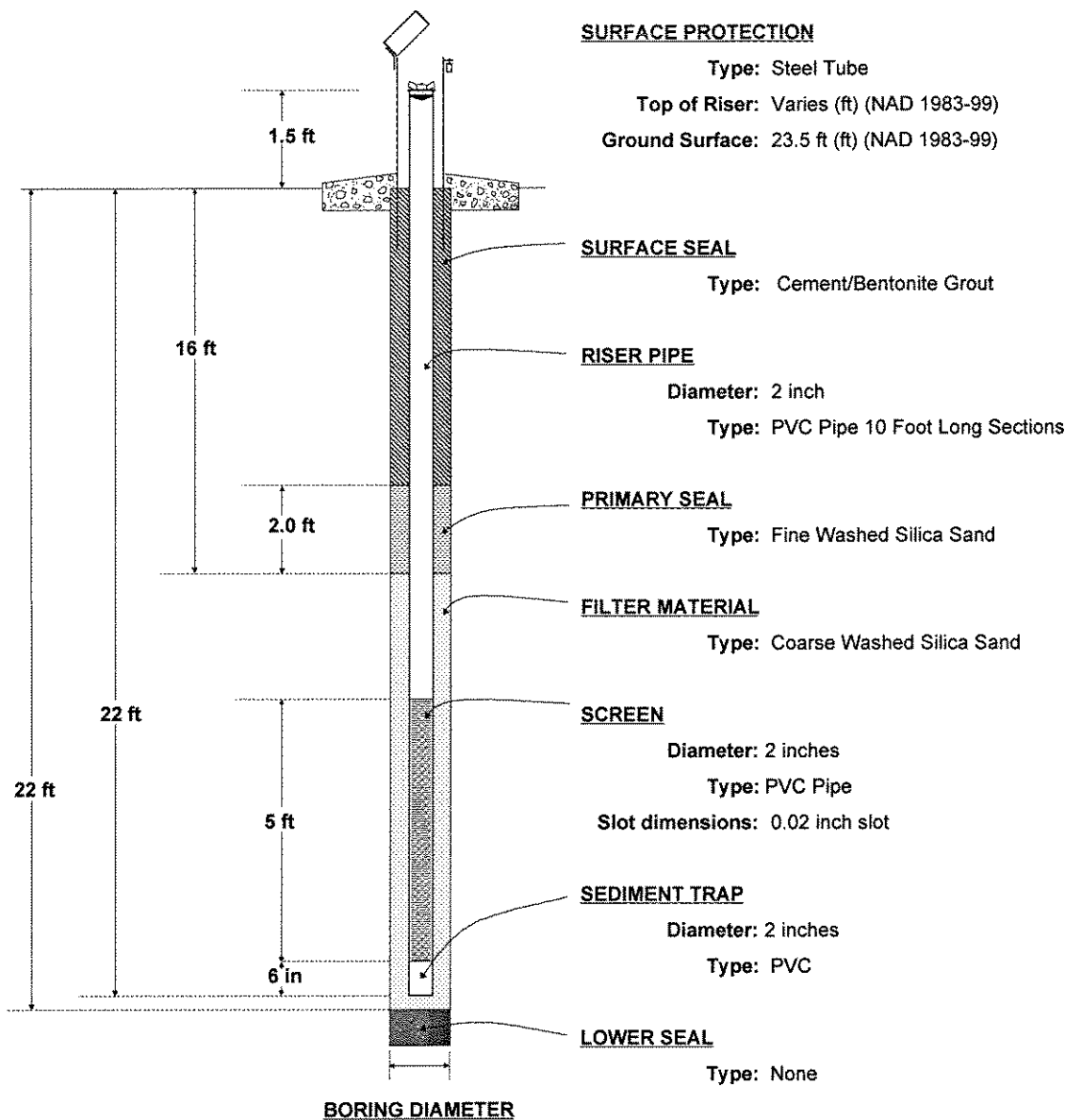
NOTES: Typical Embankment Piezometer Installation
X and Y = About 22 ft in TCI and 32 ft in TC2
Z = About 14 ft in TCI and 24 ft in TC2

**BLACK & VEATCH****TYPICAL TC-1**

TYPICAL TC-1 FOUNDATION NO. 5

SHEET 1 OF 1

CLIENT SFWMD		PROJECT Everglades Test Cells	PROJECT NO. 140297
PROJECT LOCATION West Palm Beach, Florida	COORDINATES N Vary E Vary	TOP OF RISER ELEVATION (DATUM) Varies ft (NAD 1983-99)	DATE 03/2005
STRATUM MONITORED Fort Thompson Formation (Caprock)			
INSPECTOR Norm Holst	CHECKED BY Norm Holst	APPROVED BY Paul Zaman	



INSTALLATION METHOD: The boring was advanced through the embankment fill and 5 feet into the foundation. The piezometer screen and riser were lowered to the bottom of the hole, and the sand pack was tremied into the hole to about 1 foot above the top of the screen. About 2 feet of fine sand was tremied on top of the coarse sand, and cement/bentonite grout was tremied in to fill the rest of the hole. The riser was cut off about 1.5 feet above the fill surface, and the protective casing suspended over the riser into the grout until it set.

NOTES: Typical TC-1 Foundation Piezometer Installation